Email : sales@scilabexport.com
Phone: +91-7082934803

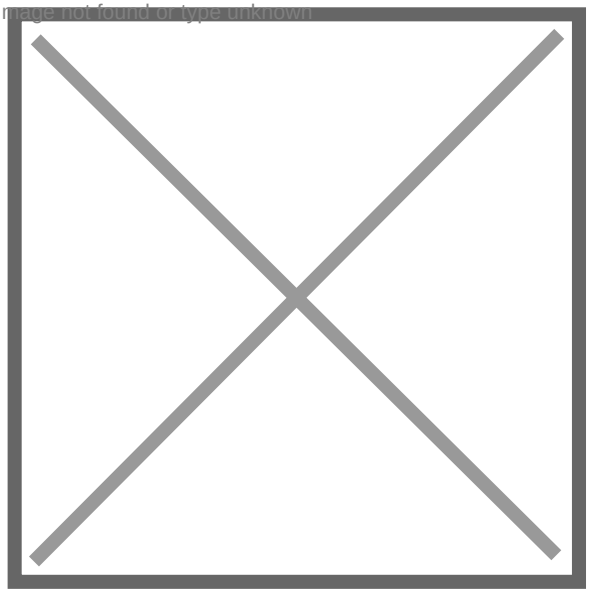
Product Name :

Laser Light Torch

Product Code :

SCL-561/030

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Description :

Laser Light Torch (Product Code: SCL-561/030) is a pen-type laser pointer that produces a green laser beam, supplied for Tyndall effect experiments in the chemistry laboratory. When the narrow beam is passed through a colloid, its path lights up as a bright visible line because the dispersed particles scatter light; in a true solution the beam passes through almost unseen. That contrast makes it the quickest way to show students the difference between the two. Teachers add it to the chemistry experiment kit used for the colloids lesson. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Model No.	SCL-561/030
Type	Laser pointer, beam pen light (pen type)
Beam colour	Green laser light
Application	Tyndall effect experiments
Output power, laser class and battery type	Not listed; please confirm with us before ordering

Typical Use

Set up two clear containers side by side: one holding a true solution such as common salt or sugar dissolved in water, the other a colloid such as a starch solution, very dilute milk or a freshly prepared ferric hydroxide sol. Darken the room and shine the laser horizontally through the side of each container in turn, aiming at a matt card or wall behind it. Students watching from the side will see a sharp beam path in the colloid and little or nothing in the solution. Smooth-walled glassware and freshly prepared, dust-free liquids give the clearest result.

Laser safety comes first. Never look into the beam, never point it at anyone’s face or eyes, and keep it away from mirrors and shiny surfaces that could reflect it. The teacher should hold and operate the pointer, switch it off between demonstrations and store it where students cannot pick it up. Kept with the science kit for students that goes to each class, it lets the same short demonstration be repeated wherever colloids are taught.

Supplier

Jain Scientific Equipments Private Limited, known by its trading name ScienceLab, is based in Ambala, Haryana. It sources and supplies accessories such as this laser torch so that institutions in India and international markets can order everything for an experiment in one place. Read more on the company profile.

Related Chemistry Lab Equipment

A complete Tyndall effect demonstration also needs the colloid, the glassware and a spare beam sourc